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WHAT IS CLAIMED IS:

A thin film transistor liquid crystal display (TFT LCD) of a line inversion type for block-driving data lines, comprising:

an extension part overlapping an pixel electrode of boundary pixels of data line blocks on a boundary data line applying a data signal to the boundary pixels.

- 2. The TFT-LCD as claimed in claim1, wherein the boundary pixels are pixels between an INth data line and an (IN+1)th data line, when N is the number of data lines in a block and I is a natural number obtained by subtracting 1 from the number of blocks constituting a picture of the TFT-LCD.
- 3. The TFT-LCD as claimed in claim 1, wherein the extension part is formed by extending a width of the boundary data line toward the pixel electrode of the boundary pixels.
- 4. The TFT-LCD as claimed in claim 1, wherein the extension part is composed of extension pieces protruding from the boundary data line to each pixel electrode of the boundary pixels.
- 5. The TFT-LCD as claimed in claim 1, wherein an area of the extension part is equal to an area where the pixel electrode of the boundary pixels overlaps one of data-lines overlapping the boundary pixels, except the boundary data-lines.

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6. A thin film transistor liquid crystal display (TFT-LCD) of a line inversion type for block-driving data lines, comprising:

a substrate;

thin film transistors formed in each pixel to form a matrix, in which a gate electrode crosses a active pattern formed on the substrate and is apart from the active pattern by a gate insulating layer;

a plurality of gate lines connected to gate/electrodes of thin film transistors of the same row in the matrix;

a plurality of data lines electrically connected to drain regions of thin film transistors of the same column in the matrix so as to apply a data signal to the thin film transistors, the data lines being parallel with one another to pass peripheral parts of the pixels; and

a plurality of pixel electrodes formed in the middle of the pixels so as to be connected to a source region of the thin film transistors, the pixel electrode having an area overlapping an adjacent data line passing around the respective pixels,

wherein the TFT-LCD further/comprises an extension part overlapping a pixel electrode of boundary pixels at a boundary data line applying a data signal to the boundary pixels.

7. The TFT-LCD as claimed in claim 6, wherein the boundary pixels are pixels between an INth data line and an (IN+1)th data line, when N is the number of data lines in a block and I is a number obtained by subtracting 1 from the number of

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blocks constituting a picture of the TFT-LCD.

- 8. The TFT-LCD as claimed in claim 6, wherein the pixel electrode is either a metallic reflective plate or a transparent electrode such as indium tin oxide (ITO) or indium zinc oxide (IZO).
- 9. The TFT-LCD as claimed in claim 6, further comprising a storage line for connecting a storage electrode to a row of the matrix, wherein the storage electrode makes a capacitance together with the pixel electrode.
- 10. The TFT-LCD as claimed in claim 6, wherein the pixel electrode is separated from the data line by an organic insulating layer, and an embossing is formed on a surface of the organic insulating layer to form a micro lens.